217/782-2113

"REVISED"
TITLE V - CLEAN AIR ACT PERMIT PROGRAM (CAAPP) PERMIT
and
TITLE I PERMIT[1]

PERMITTEE

Cargill, Inc.
Attn: Larry Mikesh
115 South Euclid Street
Bloomington, Illinois 61701

Application No.: 96030019 I.D. No.: 113804AAR
Source Location: 115 S. Euclid Street, Bloomington, Illinois 61701
Operation of: Soybean Processor
Date Received: March 4, 1996
Date Issued: November 26, 2003 Expiration Date: November 26, 2008
Responsible Official: Ray A. Dostal, Plant Superintendent

This permit is hereby granted to the above-designated Permittee to operate a facility that processes soybeans, pursuant to the above referenced permit application. This permit is subject to the conditions contained herein.

Revision Date Received: April 5, 2006
Revision Date Issued: August 14, 2006
Purpose of Revision: Significant Modification

This significant modification for this facility is being made to clarify inconsistencies on how to determine emissions. Also the boiler section was corrected to include Construction Permit 98060058 and removed retired boilers. All other changes were considered administrative type changes.

If you have any questions concerning this permit, please contact LeeAnne Kinsella at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:LAK:psj

cc: Illinois EPA, FOS Region 3

1 This permit may contain terms and conditions which address the applicability, and compliance if determined applicable, of Title I of the CAA and regulations promulgated thereunder, including 40 CFR 52.21 – federal PSD and 35 IAC Part 203 – Major Stationary Sources Construction and Modification. Any such terms and conditions are identified within this permit.

2 Except as provided in Condition 8.7 of this permit.

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1.0 SOURCE IDENTIFICATION

1.1 Source

Cargill, Inc.
115 South Euclid street
Bloomington, Illinois 61701
309/827-7152

I.D. No.: 113804AAR
Standard Industrial Classification: 2075, Soybean Oil Mills

1.2 Owner/Parent Company

Cargill, Inc.
15407 McGinty Road
Minnetonka, Minnesota 55345

1.3 Operator

Cargill, Inc.
115 South Euclid street
Bloomington, Illinois 61701

Larry Mikesh
309/827-7152

1.4 General Source Description

Cargill, Inc. is located at 115 South Euclid Street, Bloomington, McLean County. The Cargill-Bloomington soybean facility produces several products. The main categories of production are white flakes, grits, meal, ground hulls, and special mill run (SMR). The elevator operation involves receiving, storing, cleaning and drying soybeans. The process plant involves preparation for extraction, soybean oil extraction with hexane, white flake production, grit production, meal production, and ground hull production.

2.0 LIST OF ABBREVIATIONS/ACRONYMS USED IN THIS PERMIT

ACMA	Alternative Compliance Market Account
Act	Illinois Environmental Protection Act [415 ILCS 5/1 et seq.]
AP-42	Compilation of Air Pollutant Emission Factors, Volume 1, Stationary Point and Other Sources (and Supplements A through F), USEPA, Office of Air Quality Planning and Standards, Research Triangle Park, NC 27711
ATU	Allotment Trading Unit
BAT	Best Available Technology
Btu	British thermal unit
CAA	Clean Air Act [42 U.S.C. Section 7401 et seq.]
CAAPP	Clean Air Act Permit Program
CAM	Compliance Assurance Monitoring
CCB	Coal Combustion Byproduct
CFR	Code of Federal Regulations
ERMS	Emissions Reduction Market System
°F	degrees Fahrenheit
gal	gallon
HAP	Hazardous Air Pollutant
hr	hour
IAC	Illinois Administrative Code
I.D. No.	Identification Number of Source, assigned by Illinois EPA
ILCS	Illinois Compiled Statutes
Illinois EPA	Illinois Environmental Protection Agency
°K	degrees Kelvin
kpa	kilopascals
kg	kilogram
kW	kilowatts
LAER	Lowest Achievable Emission Rate
lb	pound
MACT	Maximum Achievable Control Technology
Mg	Megagram
mmBtu	Million British thermal units
mo	month
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO_x	Nitrogen Oxides
NSPS	New Source Performance Standards
PM	Particulate Matter
PM_{10}	Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 microns as measured by applicable test or monitoring methods
ppm	parts per million
psia	pounds per square inch absolute
PSD	Prevention of Significant Deterioration
RMP	Risk Management Plan
SO_2	Sulfur Dioxide
T	Ton
T1	Title I – identifies Title I conditions that have been carried over from an existing permit

T1N	Title I New – identifies Title I conditions that are being established in this permit
T1R	Title I Revised – identifies Title I conditions that have been carried over from an existing permit and subsequently revised in this permit
USEPA	United States Environmental Protection Agency
VOM	Volatile Organic Material
yr	year

3.0 INSIGHIFICANT ACTIVITIES

3.1 Identification of Insignificant Activities

The following activities at the source constitute insignificant activities as specified in 35 IAC 201.210:

3.1.1 Activities determined by the Illinois EPA to be insignificant activities, pursuant to 35 IAC 201.210(a)(1) and 201.211, as follows:

None

3.1.2 Activities that are insignificant activities based upon maximum emissions, pursuant to 35 IAC 201.210(a)(2) or (a)(3), as follows:

None

3.1.3 Activities that are insignificant activities based upon their type or character, pursuant to 35 IAC 201.210(a)(4) through (18), as follows:

Storage tanks of any size containing exclusively soaps, detergents, surfactants, glycerin, waxes, vegetable oils, greases, animal fats, sweeteners, corn syrup, aqueous salt solutions, or aqueous caustic solutions, provided an organic solvent has not been mixed with such materials [35 IAC 201.210(a)(17)].

5 Soybean Oil Storage Tanks

Loading and unloading systems for railcars, tank trucks, or watercraft that handle only the following liquid materials, provided an organic solvent has not been mixed with such materials: soaps, detergents, surfactants, lubricating oils, waxes, glycerin, vegetable oils, greases, animal fats, sweetener, corn syrup, aqueous salt solutions, or aqueous caustic solutions [35 IAC 201.210(a)(18)].

Railcar Soybean Oil Loadout
Truck Soybean Oil Loadout

3.1.4 Activities that are considered insignificant activities pursuant to 35 IAC 201.210(b).

3.2 Compliance with Applicable Requirements

Insignificant activities are subject to applicable requirements notwithstanding status as insignificant activities. In particular, in addition to regulations of general applicability, such as 35 IAC 212.301 and 212.123 (Condition 5.2.2), the

Permittee shall comply with the following requirements, as applicable:

3.2.1 For each cold cleaning degreaser, the Permittee shall comply with the applicable equipment and operating requirements of 35 IAC 215.182, 218.182, or 219.182.

3.2.2 For each particulate matter process emission unit, the Permittee shall comply with the applicable particulate matter emission limit of 35 IAC 212.321 or 212.322. For example, the particulate matter emissions from a process emission unit shall not exceed 0.55 pounds per hour if the emission unit's process weight rate is 100 pounds per hour or less, pursuant to 35 IAC 266.110.

3.2.3 For each organic material emission unit that uses organic material, e.g., a mixer or printing line, the Permittee shall comply with the applicable VOM emission limit of 35 IAC 215.301, 218.301, or 219.301, which requires that organic material emissions not exceed 8.0 pounds per hour or do not qualify as photochemically reactive material as defined in 35 IAC 211.4690.

3.3 Addition of Insignificant Activities

3.3.1 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type that is identified in Condition 3.1, until the renewal application for this permit is submitted, pursuant to 35 IAC 201.212(a).

3.3.2 The Permittee must notify the Illinois EPA of any proposed addition of a new insignificant activity of a type addressed by 35 IAC 201.210(a) and 201.211 other than those identified in Condition 3.1, pursuant to Section 39.5(12)(b) of the Act.

3.3.3 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type identified in 35 IAC 201.210(b).

4.0 SIGNIFICANT EMISSION UNITS AT THIS SOURCE

Plant Emission Unit	Description	Date Constructed	Emission Control Equipment
001	Truck Unloading	Pre-1973	E802 Truck Dump DC (Pre-1973)
002	Truck Unloading	Pre-1973	E820 Main House DC (Pre-1973)
003	Rail Unloading	Pre-1973	E816 Bean Cleaning DC (May 1989)
004	Bean Storage Bins	Pre-1973	None
005	Headhouse	Pre-1973	E820 Main House DC (Pre-1973)
006	Bean Cleaning/Separating		E816 Bean Cleaning DC (May 1989) 607 Ground Hull DC (1986) E820 Main House DC (Pre-1973)
007	Pod Grinder		E816 Bean Cleaning DC (May 1989) E822 Pods Cyclone (1989)
008	Column Bean Dryer (Berico Dryer)		E820 Main House DC (Pre-1973) E816 Bean Cleaning DC (May 1989)
009	Cracking Mills, Separating, Conveying		603 Secondary Dehulling DC (1990) 608 2nd Floor Dehulling DC (1986)
010	Primary Dehulling, Hull Sifter		603 Secondary Dehulling DC (1990) 605 Twin Dehulling Cyclones (Pre-1973) 608 2nd Floor Dehulling DC (1986)
011	Hull Grinding		609 Ground Hull Cyclone (Pre-1972) 607 Ground Hull DC (1986)
012	SMR System (Sifters and Conveying)		E820 Main House DC (Pre-1973) 613 Fuji Fines DC (2001) 607 Ground Hull DC (1986) 608 2nd Floor Dehulling DC (1986)
013	SMR/Hull Bins		None
014	Bean Conditioning		None
015	Flaking Mills and Expanders		601 Flaking Mill Aspiration Cyclone (Pre-1972)
016	Raw Flake Conveyers		None
017	Extractor, Evaporators/Condensers, Preheaters, Hexane Storage Tanks, Crude Stripper, Various Process Vessels (e.g., flash tanks, equalization tanks)	1995 (Modifications to Extractor)	965 Mineral Oil Absorption Column (1982)
018	Crude Oil Tanks (5)		None
019	Oil Loadout		None

Plant Emission Unit	Description	Date Constructed	Emission Control Equipment
020	Desolventizer Toaster (Meal and Grits)		965 Mineral Oil Absorption Column (1982)
021	Wet Meal Grinders (Meal and Grits)		None
022	Meal Dryer (Meal and Grits)		None
023	Meal Cooler (Meal and Grits)		651 Meal Cooler Cyclone (1986)
024	Meal Grinding and Sifting (Meal Only)		652 Meal Grinding DC (1991)
025	Meal Bins (Meal Only)		652 Meal Grinding DC (1991)
026	PMI Bins (Meal Only)		665 PMI Dust Collector
027	Meal Loadout (Meal Only)		659 Meal Loadout Dust Collector (Pre-1973)
028	Grit Roller Mills (Grits Only)		652 Meal Grinding DC (1991)
029	Grits Dryer (Grits Only)		664 Grits Cooler Collector (1986) 612 Grits Bindeck Cyclone (1997) 652 Meal Grinding DC (1991)
030	Grits Sifter/Aspirator (Grits Only)	1997	E803 Grit Sifter Receiver (1997) E821 Grit Kice Cyclone (1997) 652 Meal Grinding DC (1991) E820 Main House DC (Pre-1973)
031	Grit Bins (Grits Only)		E820 Main House DC (Pre-1973)
032	Grits (Bulk) Loadout (Grits, Beans, Splits, Seeds)		E816 Bean Cleaning DC (May 1989)
033	Flake Stripper/Condenser	2003 (Stripper Replaced)	965 Mineral Oil Absorption Column (1982) 658 Vacuum Chamber DC (2003) 657 FDS Cooler Collector (2003)
034	Flake Bins		655 White Flake Bin DC (1989)
035	Flake Truck/Rail Loadout		655 White Flake Bin DC (1989) 566 White Flake Vacuum Lock (2003)
036	Cleaver Brooks Boiler #1 Rated: 52 mmBtu/hr Primary Fuel: Natural Gas Back Up: Distillate Oil	1971 (Modified 1987)	None
037	Cleaver Brooks Boiler #2 Rated: 25.1 mmBtu/hr Burns Natural Gas Only	1998	None

5.0 OVERALL SOURCE CONDITIONS

5.1 Source Description

5.1.1 This permit is issued based on the source requiring a CAAPP permit as a major source of VOM and HAP emissions.

5.2 Applicable Regulations

5.2.1 Specific emission units at this source are subject to particular regulations as set forth in Section 7 (Unit-Specific Conditions) of this permit.

5.2.2 In addition, emission units at this source are subject to the following regulations of general applicability:

a. No person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally overhead at a point beyond the property line of the source unless the wind speed is greater than 40.2 kilometers per hour (25 miles per hour), pursuant to 35 IAC 212.301 and 212.314.

Compliance with this requirement is considered to be assured by the inherent nature of operations at this source, as demonstrated by historical operation.

b. No person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to the requirements of 35 IAC 212.122, pursuant to 35 IAC 212.123(a), except as allowed by 35 IAC 212.123(b) and 212.124.

5.2.3 Ozone Depleting Substances

The Permittee shall comply with the standards for recycling and emissions reduction of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.

b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

5.2.4 Risk Management Plan

Should this stationary source, as defined in 40 CFR Section 68.3, become subject to the Accidental Release Prevention regulations in 40 CFR Part 68, then the owner or operator shall submit [40 CFR 68.215(a)(2)(i) and (ii)]:

a. A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR 68.10(a); or

b. A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan (RMP), as part of the annual compliance certification required by 40 CFR Part 70 or 71.

5.2.5 a. Should this stationary source become subject to a regulation under 40 CFR Parts 60, 61, or 63, or 35 IAC after the date issued of this permit, then the owner or operator shall, in accordance with the applicable regulation(s), comply with the applicable requirements by the date(s) specified and shall certify compliance with the applicable requirements of such regulation(s) as part of the annual compliance certification, as required by 40 CFR Part 70 or 71.

b. No later than upon the submittal for renewal of this permit, the owner or operator shall submit, as part of an application, the necessary information to address either the non-applicability of, or demonstrate compliance with all applicable requirements of any potentially applicable regulation which was promulgated after the date issued of this permit.

5.2.6 Episode Action Plan

a. If the source is required to have an episode action plan pursuant to 35 IAC 244.142, the Permittee shall maintain at the source and have on file with the Illinois EPA a written episode action plan (plan) for reducing the levels of emissions during yellow alerts, red alerts, and emergencies, consistent with safe operating procedures. The plan shall contain the information specified in 35 IAC 244.144.

b. The Permittee shall immediately implement the appropriate steps described in this plan should an air pollution alert or emergency be declared.

c. If a change occurs at the source which requires a revision of the plan (e.g., operational change, change in the source contact person), a copy of the revised plan shall be submitted to the Illinois EPA for review within 30 days of the change. Such plans shall be further revised if disapproved by the Illinois EPA.

d. For sources required to have a plan pursuant to 35 IAC 244.142, a copy of the original plan and any subsequent revisions shall be sent to:

i. Illinois EPA, Compliance Section; and

ii. For sources located in Cook County and outside of the city of Chicago: Cook County Department of Environmental Control; or

iii. For sources located within the city of Chicago: Chicago Department of Environmental Control.

5.2.7 CAM Plan

This stationary source has a pollutant-specific emissions unit that is subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources. The source must submit a CAM plan for each affected pollutant-specific emissions unit upon application for renewal of the initial CAAPP permit, or upon a significant modification to the CAAPP permit for the construction or modification of a large pollutant-specific emissions unit which has the potential post-control device emissions of the applicable regulated air pollutant that equals or exceeds major source threshold levels.

5.3 Non-Applicability of Regulations of Concern

None

5.4 Source-Wide Operational and Production Limits and Work Practices

In addition to the source-wide requirements in the Standard Permit Conditions in Section 9, the Permittee shall fulfill the following source-wide operational and production limitations and/or work practice requirements:

None

5.5 Source-Wide Emission Limitations

5.5.1 Permitted Emissions for Fees

The annual emissions from the source, not considering insignificant activities as addressed by Section 3.0 of this permit, shall not exceed the following limitations. The overall source emissions shall be determined by adding emissions from all emission units. Compliance with these limits shall be determined on a calendar year basis. These limitations (Condition 5.5.1) are set for the purpose of establishing fees and are not federally enforceable.

Permitted Emissions of Regulated Pollutants

Pollutant	Tons/Year
Volatile Organic Material (VOM)	859.06
Sulfur Dioxide (SO_2)	31.88
Particulate Matter (PM)	172.60
Nitrogen Oxides (NO_x)	44.08
HAP, not included in VOM or PM	----
Total	1,107.61

5.5.2 Emissions of Hazardous Air Pollutants

Source-wide emission limitations for HAPs as listed in Section 112(b) of the CAA are not set. This source is considered to be a major source of HAPs.

5.5.3 Other Source-Wide Emission Limitations

a. VOM emissions from solvent usage shall not exceed 112 tons/month and 853 tons/year. Compliance with annual limit shall be determined from the amount of organic solvent used in the affected plant, based on inventory records, compiled on a monthly basis with the annual compliance determination made from the sum of the data for the current month plus the preceding 11 months (running 12 month total) [T1].

The above limitations were established in Permit 02110009, pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permit does not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21 [T1].

5.6 General Recordkeeping Requirements

5.6.1 Emission Records

The Permittee shall maintain records of the following items for the source to demonstrate compliance with Condition 5.5.1, pursuant to Section 39.5(7)(b) of the Act:

Total annual emissions on a calendar year basis for the emission units covered by Section 7 (Unit Specific Conditions) of this permit.

5.6.2 Recordkeeping Requirements for the NESHAP for Solvent Extraction for Vegetable Oil Production

The source is subject to the recordkeeping requirements established in NESHAP, 40 CFR 63 Subparts A: General Provisions and NESHAP, 40 CFR 63 Subparts GGGG: Solvent Extraction for Vegetable Oil Production. These recordkeeping requirements are specified in Section 7.3.9 of this permit.

5.6.3 Retention and Availability of Records

a. All records and logs required by this permit shall be retained for at least five years from the date of entry (unless a longer retention period is specified by the particular recordkeeping provision herein), shall be kept at a location at the source that is readily accessible to the Illinois EPA or USEPA, and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request.

b. The Permittee shall retrieve and print, on paper during normal source office hours, any records retained in an electronic format (e.g., computer) in response to an Illinois EPA or USEPA request for records during the course of a source inspection.

5.6.4 Records for HAP Emissions

a. Emissions of HAPs, ton/mo and ton/yr.

5.6.5 Records for Operating Scenarios

N/A

5.7 General Reporting Requirements

5.7.1 General Source-Wide Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section of deviations of the source with the

permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken.

5.7.2 Annual Emissions Report

The annual emissions report required pursuant to Condition 9.7 shall contain emissions information for the previous calendar year.

5.7.3 Annual Reporting of HAP Emissions

The Permittee shall submit an annual report to the Illinois EPA, Compliance Section, on HAP emissions from the source, including the following information. The source is being operated as a major source of HAP emissions. This report shall be submitted with the Annual Emissions Report (Condition 9.7).

a. The annual emissions of individual HAPs for each month of the previous calendar year, tons/year (e.g., for the month of January, the emissions from February of the preceding calendar year through January; for the month of February, the emissions from March of the preceding calendar year through February; 12 months in all); and

b. The total emissions of all HAPs combined for each month of the previous calendar year, tons/year (e.g., for the month of January, the emissions from February of the preceding calendar year through January; for the month of February, the emissions from March of the preceding calendar year through February; 12 months in all).

5.8 General Operational Flexibility/Anticipated Operating Scenarios

N/A

5.9 General Compliance Procedures

5.9.1 General Procedures for Calculating Emissions

Compliance with the source-wide emission limits specified in Condition 5.5 shall be based on the recordkeeping and reporting requirements of Conditions 5.6 and 5.7, and Compliance Procedures in Section 7 (Unit Specific Conditions) of this permit.

6.0 NOT APPLICABLE TO THIS PERMIT

7.0 UNIT SPECIFIC CONDITIONS

7.1 Grain handling operation

7.1.1 Description

Soybeans are transported to the source by either trucks or rail cars. The wet beans are unloaded into subgrade pits and conveyed to the wet bean storage bins. From storage, whole wet beans are gravity fed to a cleaner to remove foreign materials prior to further processing. The cleaner separates the process flow into three categories: Whole beans, splits and seeds, pods and trash.

Whole beans are conveyed to a column dryer where the moisture level in the beans is reduced. Dried beans are transferred from the drier to the dry bean storage bins through a series of primarily enclosed conveyors.

7.1.2 List of Emission Units and Air Pollution Control Equipment

Plant Emission Unit	Description	Emission Control Equipment
001	Truck Unloading	E802 Truck Dump DC
002	Truck Unloading	E820 Main House DC
003	Rail Unloading	E816 Bean Cleaning DC
004	Bean Storage Bins	None
005	Headhouse	E820 Main House DC
006	Bean Cleaning/Separating	E816 Bean Cleaning DC, 607 Ground Hull DC, E820 Main House DC
007	Pod Grinder	E816 Bean Cleaning DC, E822 Pods Cyclone
008	Column Bean Dryer (Berico Dryer)	E820 Main House DC, E816 Bean Cleaning DC

7.1.3 Applicability Provisions and Applicable Regulations

a. The "grain handling operation" for the purpose of these unit-specific conditions, is the grain handling operation as described in Conditions 7.1.1 and 7.1.2.

b. The affected grain handling operation is subject to the opacity and fugitive dust emission limits identified in Condition 5.2.2.

c. The affected grain handling operation is subject to 35 IAC 212, Subpart S: Agriculture. The Permittee

shall comply with all applicable requirements of Subpart S (See also Condition 7.1.5).

d. The affected grain handling operation is subject to the NSPS, 40 CFR 60 Subparts A and General Provisions and NSPS, 40 CFR 60 Subpart DD: Standards of Performance for Grain Elevators. The Illinois EPA is administering NSPS in Illinois on behalf of the USEPA under a delegation agreement (See also Condition 7.1.5 and 7.1.6).

7.1.4 Non-Applicability of Regulations of Concern

a. 35 IAC 212.302(a), 212.321, and 212.322 shall not apply to grain-handling and grain-drying operations, portable grain-handling equipment and one-turn storage space [35 IAC 212.461(a)].

b. The affected grain handling operation is not subject to 35 IAC 212.324, Process Emission Units In Certain Areas, and 35 IAC 212.464, Agriculture Sources in Certain Areas, because the source is not located in a non-attainment area for PM_{10}, as identified in 35 IAC 212.324(a)(1).

7.1.5 Operational Limits and Control Requirements

a. No later than 180 days after initial startup, no owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere any gases which exhibit greater than 0 percent opacity from any:

i. Column dryer with column plate perforation exceeding 2.4 mm diameter (ca. 0.094 inch).

ii. Rack dryer in which exhaust gases pass through a screen filter coarser than 50 mesh.

b. Housekeeping Practices. The Permittee must implement and use the following housekeeping practices:

i. Air pollution control devices shall be checked daily and cleaned as necessary to insure proper operation.

ii. Cleaning and Maintenance.

A. Floors shall be kept swept and cleaned from boot pit to cupola floor. Roof or bin decks and other exposed flat surfaces shall be kept clean of grain and dust that would tend to rot or become airborne.

B. Cleaning shall be handled in such a manner as not to permit dust to escape to the atmosphere.

C. The yard and surrounding open area, including but not limited to ditches and curbs, shall be cleaned to prevent the accumulation of rotting grain.

iii. Dump Pit.

A. Aspiration equipment shall be maintained and operated.

B. Dust control devices shall be maintained and operated.

iv. Head House. The head house shall be maintained in such a fashion that visible quantities of dust or dirt are not allowed to escape to the atmosphere.

v. Property. The yard and driveway of any source shall be asphalted, oiled or equivalently treated to control dust.

vi. Housekeeping Check List. If housekeeping check lists are developed and provided by the Illinois EPA, the checklists shall be completed by the manager and maintained on the premises for inspection by Illinois EPA personnel.

c. Cleaning and Separating Operations.

i. Particulate matter generated during cleaning and separating operations shall be captured to the extent necessary to prevent visible particulate matter emissions directly into the atmosphere.

ii. Air contaminants collected from cleaning and separating operations shall be conveyed through air pollution control equipment, which has a rated, and actual particulate removal efficiency of not less than 98 percent by weight prior to release into the atmosphere.

d. Major Dump-Pit Area: Induced Draft.

i. Induced draft shall be applied to major dump pits and their associated equipment (including, but not limited to, boots, hoppers and legs) to such an extent that a minimum

face velocity is maintained, at the effective grate surface, sufficient to contain particulate emissions generated in unloading operations. The minimum face velocity at the effective grate surface shall be at least 200 feet per minute, which shall be determined by using the equation:

$$V = Q/A$$

Where:

V = Face velocity

Q = Induced draft volume in scfm

A = Effective grate area in ft^2

ii. The induced draft air stream shall be confined and conveyed through air pollution control equipment which has an overall rated and actual particulate collection efficiency of not less than 90 percent by weight;

iii. Means or devices (including, but not limited to, quick-closing doors, air curtains or wind deflectors) shall be employed to prevent a wind velocity in excess of 50 percent of the induced draft face velocity at the pit; provided, however, that such means or devices do not have to achieve the same degree of prevention when the ambient air wind exceeds 25 mph. The wind velocity shall be measured, with the induced draft system not operating, at a point midway between the dump-pit area walls at the point where the wind exits the dump-pit area, and at a height above the dump-pit area floor of approximately 2 ft; or

e. Internal Transferring Area

i. Internal transferring area shall be enclosed to the extent necessary to prohibit visible particulate matter emissions directly into the atmosphere.

ii. Air contaminants collected from internal transfer operations shall be conveyed through air pollution control equipment which has a rated and actual particulate removal efficiency of not less than 98 percent by weight prior to release into the atmosphere.

f. The largest effective circular diameter of transverse perforations in the external sheeting of a column dryer shall not exceed 0.094 inch, and the grain inlet and outlet shall be closed.

g. The Permittee shall operate, maintain, and repair all air pollution control equipment in a manner that assures that the applicable emission limits set in this permit are met at all times. The actions taken by the Permittee to meet this requirement shall include at least the following:

   i. Written operating procedures shall be maintained and updated describing normal process and equipment operating parameters; monitoring or instrumentation for measuring control equipment operating parameters, if any; and control equipment inspection and maintenance practices. With respect to control equipment maintenance practices, the operating procedures may incorporate the manufactures recommended operating instructions, if a copy of these instructions is attached to the procedures.

   ii. Visual inspections of air pollution control equipment shall be conducted on a regular schedule. These inspections shall include a detailed inspection of the performance and condition of control equipment at least once per year.

   iii. Prompt repairs shall be made upon identification of need, either as a consequence of formal inspections or other observations.

   iv. Written records of inspection, maintenance and repair activities shall be kept in accordance with Condition 7.1.9(c).

h. The annual grain throughput for the plant shall not exceed 20.2 million bushels. The plant shall not process more than 60,600 bushels of grain per day, as an average per calendar month. Compliance with annual limits shall be determined from a running total of 12 months of data [T1].

i. The soybean processing equipment shall not operate for more than 8400 hours per calendar year [T1].

j. Natural gas shall be the primary fuel fired at the plant [T1].

k. Natural gas shall be the primary fuel fired at the dryer [T1].

l. The annual natural gas consumption for the grain dryer shall not exceed 160,000,000 scf, respectively [T1].

m. All grain receiving areas shall use fabric filter control devices [T1].

The above limitations were established in Permit 75100047, pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permit does not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21.

7.1.6 Emission Limitations

In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5, the affected grain handling operation is subject to the following emissions limitations:

a. No owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere from any affected facility except a grain dryer any process emission which:

i. Contains particulate matter in excess of 0.023 g/dscm (ca. 0.01 gr/dscf).

ii. Exhibits greater than 0 percent opacity.

b. No owner or operator subject to the provisions of this subpart shall cause to be discharged into the atmosphere any fugitive emission from:

i. Any individual truck unloading station, railcar unloading station, or railcar loading station, which exhibits greater than 5 percent opacity.

ii. Any grain handling operation which exhibits greater than 0 percent opacity.

iii. Any truck loading station which exhibits greater than 10 percent opacity.

c. Emissions of sulfur dioxide from dryers associated with the affected grain handling operation shall not exceed 2,000 ppm (35 IAC 214.301).

d. The grain handling operations are also subject to the emissions limitations specified in Tables 1 and 2 in Attachment 3.

The above limitations were established in Permit 75100047, pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permit does not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21 [T1].

7.1.7 Testing Requirements

None

7.1.8 Monitoring Requirements

None

7.1.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected grain handling operation to demonstrate compliance with Conditions 5.5.1, 7.1.5 and 7.1.6, pursuant to Section 39.5(7)(b) of the Act:

a. Grain Processed (bushels/month and bushels/year);

b. Condition of equipment at least once per day and key operating parameters for air pollution control equipment, at least once per day;

c. Inspections, other equipment observations, preventative maintenance, maintenance activities other than preventative maintenance, and repair of air pollution control equipment which includes: date, duration, nature, and description of observation or action; and

d. PM emissions from the affected grain handling operation (tons/month and tons/year) with supporting calculations.

7.1.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the affected grain

handling operation with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

a. Operation of the affected grain handling operation in excess of the throughput limitations specified by Conditions 7.1.5(g) within 30 days of such an occurrence.

b. Emissions of PM from the affected grain handling operation in excess of the limits specified in Condition 7.1.6 within 30 days of such an occurrence.

7.1.11 Operational Flexibility/Anticipated Operating Scenarios

N/A

7.1.12 Compliance Procedures

Compliance with the emission limits in Conditions 5.5.1 and 7.1.6 shall be based on the recordkeeping requirements in Condition 7.1.9 and the emission factors listed below:

a. The applicable emission factors for grain elevators and grain processing, Tables 9.9.1, AP-42, Volume I, Fifth Edition, Supplement D, March 2003 or current edition.

b. The applicable emission factors (lb/1,000 bushels or lb/hr) from Tables 1 and 2 of Attachment 3 of this permit.

7.2 Material Handling and Process Emission Units

These emission units will be used to transfer, store, and process commodities used in the extraction process.

7.2.1 Description

Bean Preparation:

The four (4) principal operations in soybean preparation are cracking, dehulling, conditioning and flaking. In cracking, dry beans are gravity fed across vibratory feeders to the cracking mills where the whole bean is cracked into several smaller pieces to facilitate separating the bean meats from the hulls. The crack beans are then fed to the dehulling process, which segregates, collects, and grinds the hulls. During conditioning and flaking, the beans are heated and rolled into flakes to facilitate the oil extraction process (See Section 7.3).

Bean Processing (Meal and Grit Production)

From the oil extraction process (See Section 7.3), soybean flakes can be dried and processed into conventional soybean products (i.e., meal or grit). Processing includes bean drying, cooling, and grinding, and sifting.

Product Load Out:

Final soybean products may be loaded out of the facility by truck or rail cars.

7.2.2 List of Emission Units and Air Pollution Control Equipment

Plant Emission Unit	Description	Emission Control Equipment
009	Cracking Mills, Separating, Conveying	603 Secondary Dehulling DC, 608 2nd Floor Dehulling DC
010	Primary Dehulling, Hull Sifter	603 Secondary Dehulling DC, 605 Twin Dehulling Cyclones, 608 2nd Floor Dehulling DC
011	Hull Grinding	609 Ground Hull Cyclone, 607 Ground Hull DC
012	SMR System (Sifters and Conveying)	E820 Main House DC, 613 Fuji Fines DC, 607 Ground Hull DC, 608 2nd Floor Dehulling DC
013	SMR/Hull Bins	None
014	Bean Conditioning	None

Plant Emission Unit	Description	Emission Control Equipment
015	Flaking Mills and Expanders	601 Flaking Mill Aspiration Cyclone
016	Raw Flake Conveyors	None
020	Desolventizer Toaster (Meal and Grits)	965 Mineral Oil Absorption Column
021	Wet Meal Grinders (Meal and Grits)	None
022	Meal Dryer (Meal and Grits)	None
023	Meal Cooler (Meal and Grits)	651 Meal Cooler Cyclone
024	Meal Grinding and Sifting (Meal Only)	652 Meal Grinding DC
025	Meal Bins (Meal Only)	652 Meal Grinding DC
026	PMI Bins (Meal Only)	665 PMI Dust Collector
027	Meal Loadout (Meal Only)	659 Meal Loadout Dust Collector
028	Grit Roller Mills (Grits Only)	652 Meal Grinding DC
029	Grits Dryer (Grits Only)	664 Grits Cooler Collector, 612 Grits Bindeck Cyclone, 652 Meal Grinding DC
030	Grits Sifter/Aspirator (Grits Only)	E803 Grit Sifter Receiver, E821 Grit Kice Cyclone, 652 Meal Grinding DC, E820 Main House DC
031	Grit Bins (Grits Only)	E820 Main House DC
032	Grits (Bulk) Loadout (Grits, Beans, Splits, Seeds)	E816 Bean Cleaning DC

7.2.3 Applicability Provisions and Applicable Regulations

a. The "affected material handling unit" for the purpose of these unit-specific conditions, is each emission unit as described in Conditions 7.2.1 and 7.2.2.

b. An affected material handling unit is subject to 35 IAC 212.321, which provides that:

No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 IAC 212.321 (see also Attachment 1) [35 IAC 212.321(a)].

c. An affected material handling unit is subject to 35 IAC 212.322, which provides that:

No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any existing process emission unit, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced prior to April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 IAC 212.322 (see also Attachment 2) [35 IAC 212.322(a)].

d. Each affected material handling unit is subject to the emission limits identified in Condition 5.2.2.

7.2.4 Non-Applicability of Regulations of Concern

a. The affected material handling units are not subject to 35 IAC 212.324, Process Emission Units In Certain Areas, because the source is not located in a non-attainment area for PM_{10}, as identified in 35 IAC 212.324(a)(1).

7.2.5 Operational Limits and Control Requirements

a. The affected material handling units shall not operate without the associated filters or cyclone dust collectors as provided in Condition 7.2.2.

b. The Permittee shall follow good operating practices for the cyclones and filters, including periodic inspection, routine maintenance and prompt repair of defects.

c. The Permittee shall operate, maintain, and repair all air pollution control equipment in a manner that assures that the applicable emission limits set in this permit are met at all times. The actions taken by the Permittee to meet this requirement shall include at least the following:

i. Written operating procedures shall be maintained and updated describing normal process and equipment operating parameters; monitoring or instrumentation for measuring control equipment operating parameters, if any; and control equipment inspection and maintenance practices. With respect to control equipment maintenance practices, the operating procedures may incorporate the manufactures recommended operating

instructions, if a copy of these instructions is attached to the procedures.

ii. Visual inspections of air pollution control equipment shall be conducted on a regular schedule. These inspections shall include a detailed inspection of the performance and condition of control equipment at least once per year.

iii. Prompt repairs shall be made upon identification of need, either as a consequence of formal inspections or other observations.

iv. Written records of inspection, maintenance and repair activities shall be kept in accordance with Condition 7.2.9(b).

d. The grain cooler shall not discharge to the atmosphere, but shall be recycled back into the inlet of the grain dryer [T1].

e. All meal loadout areas shall use fabric filter control devices from which exhaust shall not exceed 0.02 gr/scf [T1].

7.2.6 Emission Limitations

In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5, the affected material handling units are subject to the emission and operating limits specified in Attachment 3.

The above limitations were established in Permit 75100047, pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permit does not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21 [T1].

7.2.7 Testing Requirements

None

7.2.8 Monitoring Requirements

None

7.2.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items

for the affected material handling units to demonstrate compliance with Conditions 5.5.1, 7.2.5 and 7.2.6, pursuant to Section 39.5(7)(b) of the Act:

a. Condition of equipment at least once per day and key operating parameters for air pollution control equipment, at least once per day;

b. Inspections, other equipment observations, preventative maintenance, maintenance activities other than preventative maintenance, and repair of air pollution control equipment which includes: date, duration, nature, and description of observation or action;

c. Throughput process rate for each emission unit listed in Condition 7.2.5(c) (tons/hour); and

d. PM emissions from the affected material handling operation (tons/month and tons/year) with supporting calculations.

7.2.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the affected material handling units with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

a. Emissions of PM from the affected material handling units in excess of the limits specified in Condition 7.3.6 within 30 days of such an occurrence.

7.2.11 Operational Flexibility/Anticipated Operating Scenarios

N/A

7.2.12 Compliance Procedures

Compliance with the emission limits in Conditions 5.5.1, 7.2.3 and 7.2.6 shall be based on the recordkeeping requirements in Condition 7.2.9 and the emission factors listed below:

a. The applicable emission factors for Grain processing, Table 9.9.2, AP-42, Volume I, Fifth Edition, Supplement D, March 2003 or current edition.

b. The applicable emission factors for Vegetable Oil Processing, from Table 9.11.1, AP-42, Volume I, Fifth Edition, Supplement D, May 1998 or current edition.

c. The applicable emission factors (lb/1,000 bushels or lb/hr) from Tables 1 and 2 of Attachment 3 of this permit.

7.3 Oil Extraction and Desolventizing

7.3.1 Description

Oil Extraction:

The extraction process removes oil from the soybean flakes in an extractor with a mixture of solvent and soybean oil called miscella. As miscella is removed from the extractor, it is distilled to separate and recover hexane from the soybean oil for reuse. After oil extraction, solvent-laden flakes are sent to either the flake stripper or desolventizer toaster (DT), which are secondary solvent recovery units. Process streams in the extraction process that contain solvent vapor are vented to water-cooled condensers to recover the solvent for reuse. The noncondensable vapor from the condensers goes to a final scrubbing system called a mineral oil system (e.g., mineral oil stripper and absorber column). All recovered solvent is reused in the oil extraction process.

7.3.2 List of Emission Units and Air Pollution Control Equipment

Plant Emission Unit	Description	Emission Control Equipment
017	Extractor, Evaporators/Condensers, Preheaters, Hexane Storage Tanks, Crude Stripper, Various Process Vessels (e.g., Flash Tanks, Equalization Tanks)	965 Mineral Oil Absorption Column
018	Crude Oil Tanks (5)[2]	None
019	Oil Loadout[2]	None
020	Desolventizer Toaster	965 Mineral Oil Absorption Column
033	Flake Stripper/Condenser	965 Mineral Oil Absorption Column, 658 Vacuum Chamber DC, 657 FDS Cooler Collector
034	Flake Bins	655 White Flake Bin DC
035	Flake Truck/Rail Loadout	655 White Flake Bin DC, 566 White Flake Vacuum Lock

[2] Insignificant activities.

7.3.3 Applicability Provisions and Applicable Regulations

a. The "affected extraction process" for the purpose of these unit-specific conditions, is the extraction system as described in Conditions 7.3.1 and 7.3.2.

b. The affected extraction process is subject to a National Emission Standard for Hazardous Air Pollutants (NESHAP) for Solvent Extraction for Vegetable Oil Production, 40 CFR 63 Subparts A and GGGG if it processes corn germ, soybeans or other oil seed addressed by these standards. No later than April 12, 2004, the Permittee must comply with all applicable requirements of Subparts A and GGGG.

c. The affected extraction process is subject to 35 IAC 212.321, which provides that:

No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 IAC 212.321 (see also Attachment 1) [35 IAC 212.321(a)].

d. When processing soybeans, the affected extraction process shall not cause or allow emissions to exceed the limitations provided in 35 IAC 215.340 (See also condition 7.3.6).

e. The affected extraction process is subject to the emission limits identified in Condition 5.2.2.

7.3.4 Non-Applicability of Regulations of Concern

This permit is issued based on the affected extraction process not being subject to 35 IAC 215 Subpart K, Use of Organic Material, because hexane is not a photochemically reactive material.

7.3.5 Operational Limits and Control Requirements

a. No later than April 12, 2004, the affected extraction process shall be operated to comply with the standards and compliance requirements specified at 40 CFR 63.2840 and 63.2850, respectively, whenever the extraction solvent being used contains n-hexane or other HAP. In particular, for the affected extractor, the compliance ratio, as set forth in 40 CFR 63.2840, shall be less than or equal to 1.00.

b. The Permittee shall follow good air pollution control practices for the affected extraction process and associated control devices, including periodic inspection, routine maintenance and prompt repair of defects.

c. Operation of the affected extraction process shall not exceed the following limits:

i. Organic solvent usage shall not exceed 112 tons/month and 853 tons/year. Compliance with annual limit shall be determined from the amount of organic solvent used in the affected extractor, based on inventory records, compiled on a monthly basis with the annual compliance determination made from the sum of the data for the current month plus the preceding 11 months (running 12 month total) [T1].

ii. The crush of the affected extraction process, i.e., the quantity of soybeans processed, shall not exceed 2,020,000 bushels/month and 20,200,000 bushels/year [T1].

d. Solvent loss rates for the affected extraction process shall not exceed the following limits. Compliance with these limits shall be determined in accordance with the methodology set forth by 40 CFR 63, Subpart GGGG, without any adjustment for the HAP content in the solvent [T1].

0.2 Gal/Ton for Conventionally Processed Soybean

1.5 Gal/Ton for Specialty Processed Soybean

e. All meal loadout areas shall use fabric filter control devices from which exhaust shall not exceed 0.02 gr/scf [T1].

The above limitations were established in Permit #02110009, pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permit does not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21 [T1].

7.3.6 Emission Limitations

In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5, the affected extraction process is subject to the following:

a. When processing soybeans, the affected extraction process shall not cause or allow emissions to exceed [35 IAC 215.340]:

i. 0.0026 lbs of volatile organic material per pound of conventional soybean crush, and

ii. 0.0052 lbs of volatile organic material per pound of specialty soybean crush.

Note: Demonstration with the 40 CFR 63, Subpart GGGG provides sufficient demonstration of compliance with the above standards.

b. VOM emissions from the affected plant shall not exceed 112 tons/month and 853 tons/year. Compliance with these emission limits shall be determined assuming that all organic makeup solvent purchased is equal to that lost to the atmosphere as emissions from the affected plant, using the methodology of 40 CFR Part 63 Subpart GGGG. (See also Condition 7.3.5) [T1].

c. i. Emissions of PM_{10} from the affected flake stripper and flake cooler shall not exceed 11.54 tons/year, total [T1].

ii. Emissions of PM_{10} from individual emission units in the affected plant shall comply with the following emission limitations [T1].

Emission Unit	Lb/Ton	Particulate Matter$_{10}$		
		Lb/Hr	Tons/Mo	Ton/Yr
Flake Stripper (Vacuum Lock)	--	0.1	0.04	0.44
Flake Cooler	--	2.5	0.93	11.1
Flake Loadout	0.016	--	--	3.75
Total:		--	--	15.25

The above limitations were established in Permit 02110009, pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permit does not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21 [T1].

7.3.7 Testing Requirements

a. The affected extraction process is subject to the testing requirements established in NESHAP, 40 CFR 63 Subparts A: General Provisions and NESHAP, 40 CFR 63 Subparts GGGG: Solvent Extraction for Vegetable Oil Production.

7.3.8 Monitoring Requirements

a. The Permittee shall monitor the following information for the mineral oil absorption column at least once per shift:

   i. Pressure drop across the column (inches of water);

   ii. Inlet gas temperature (Degrees F);

   iii. Inlet gas flow rate (scfm);

   iv. Scrubbant rate (gallons/minute); and

b. The Permittee shall record the following information for the control units related to the white flake process at least once per shift when the white flake process is in operation:

   i. Pressure drop across the flake stripper lock dust collector and the cooler collector;

   ii. Cooler collector 657 fan current (amps); and

   iii. Cooler collector inlet and outlet temperature (Degrees F).

c. The Permittee shall monitor either directly or indirectly, the exhaust flow rate through the mineral oil scrubber serving the White Flake Process at least once per shift.

7.3.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected extraction process to demonstrate compliance with Conditions 5.5.1, 7.3.5 and 7.3.6, pursuant to Section 39.5(7)(b) of the Act:

a. The Permittee shall maintain records of the following items for the affected extraction process:

i. The Permittee shall keep records of the monitoring activity conducted pursuant to Condition 7.3.8.

ii. Operating records for the affected extraction process:

A. Commodity(s) processed and rate (tons of commodity processed);

B. Amount of extraction solvent used from inventory records (tons/month and tons/year);

C. HAP content of extraction solvent with supporting documentation; and

D. Operating hours (hours/month)

iii. Emission records for the affected extraction process:

A. VOM and HAP emissions (tons/month and tons/year);

B. Monthly HAP Compliance ratio, with supporting calculations; and

b. No later than April 12, 2004, the Permittee shall comply with the notification and recordkeeping requirements specified at 40 CFR 63.2860 and 40 CFR 2861 whenever the extraction solvent being used contains n-hexane or other HAP, as follows:

i. A. Dates and identification of each operating status of your source period (e.g., normal operations, nonoperating, initial startup period, malfunction period, or exempt operation) during a calendar month;

B. Solvent inventory (gal) and oilseed inventory (ton) on the beginning and ending dates of each normal operating period;

c. Volume (gal) of solvent received, purchased, and recovered during each calendar month;

D. Type and quantity of oilseed received (ton) at the source during each normal operating period;

E. Total solvent loss (gal) for each calendar month;

F. Quantity (ton) of each type of oilseed processed during each calendar month;

G. Volume fraction of each HAP exceeding 1 percent by volume in each delivery of solvent; and

H. Weighted average volume fraction of HAP in solvent received since the end of the last operating month.

ii. Once the facility has obtained the above-listed records for 12 months, the 12-month calculations listed below must be recorded:

A. Rolling sum of actual solvent loss (gal/yr);

B. Weighted average volume fraction of HAP in solvent received;

C. Rolling sum of each type of oilseed processed (ton/yr); and

D. Determination of the compliance ratio, calculated in accordance with 40 CFR 63.2840.

c. No later than April 12, 2004

i. Pursuant to 40 CFR 63.2863, the records must be in a form suitable and readily available for review in accordance with 40 CFR 63.10(b)(1).

ii. As specified in 40 CFR 63.10(b)(1), the Permittee shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. The record must be retained for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, in accordance with 40 CFR 63.10(b)(1). The Permittee may keep the records off-site for the remaining 3 years.

d. The owner or operator of sources subject to 35 IAC 215.340 and 215.342 shall maintain daily records of solvent storage inventory, and conventional and

specialty soybean crush or raw corn germ. Each day the total decrease in solvent storage inventory, and total conventional and specialty soybean crush or raw corn germ for the previous 180 days shall be calculated [35 IAC 215.344(a)].

7.3.10 Reporting Requirements

a. No later than April 12, 2004, the Permittee shall comply with the reporting and notification requirements specified at 40 CFR 63.2860 and 40 CFR 63.2861, whenever the extraction solvent being used contains n-hexane or other HAP as follows:

i. A. Name and address of the owner or operator;

B. Physical address of the source;

C. Each oilseed type processed during the previous 12 months;

D. Each HAP present in concentrations greater than 1 percent by volume in each delivery of solvent received during the last 12-month operating period used to calculate compliance;

E. A statement designating the source as major source of HAP or a demonstration that the source qualifies as area source; and

F. Name, title, and signature of the responsible official certifying the accuracy of the notification.

ii. Deviation Notification Reports. When a deviation occurs (e.g., a compliance ratio is determined to be greater than 1.00), submit a deviation notification report by the end of the month following the month in which the deviation was detected. The deviation report must include the following information:

A. Name and address of the owner or operator;

B. Physical address of the source;

C. Each oilseed type processed during the previous 12 months in which the compliance ratio exceeded 1.00; and

D. Explanation and quantification of the deviation.

iii. Periodic SSM reports. The source must submit a periodic SSM report by end of the month following a month in which the source operated under an initial startup period or malfunction period. The periodic report must include the following information:

A. A statement that all actions taken during the initial startup period or malfunction period were consistent with the SSM plan;

B. A description of events occurring during the time period, the date and duration of the events, and reason the time interval qualifies as an initial startup or malfunction period;

c. An estimate of the solvent loss during period with supporting documentation; and

D. Name, title, and signature of the responsible official certifying the accuracy of the report.

iv. Immediate SSM report. The source must submit an immediate SSM report following any action taken during a startup, shutdown, or malfunction event that are inconsistent with the SSM plan. A notification must be made via telephone or facsimile within two days beginning actions inconsistent with the SSM plan, and a letter within seven (7) working days following the end of the event. The letter must include the following information:

A. A description of the SSM event, including date, duration, and qualification as SSM event;

B. An explanation of the reasons for not following the SSM plan;

C. An estimate of the solvent loss during period with supporting documentation; and

D. Name, title, and signature of the responsible official certifying the accuracy of the report.

b. The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the affected extraction process with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of

such deviations, and any corrective actions or preventive measures taken:

Any record showing violation of Conditions 7.3.5 and 7.3.6 shall be reported by sending a copy of such record to the Illinois EPA within 30 days following the occurrence of the violation.

7.3.11 Operational Flexibility/Anticipated Operating Scenarios

N/A

7.3.12 Compliance Procedures

a. Demonstration of compliance with the emission limits in Conditions 5.5.1 and 7.3.6 shall be based on the recordkeeping requirements in Condition 7.3.9 and a material balance calculation (i.e., emissions equal the amount of organic solvent used in the affected extractor, based on inventory records, compiled on a monthly basis with the annual compliance determination made from the sum of the data for the current month plus the preceding 11 months.

i. If subject to 40 CFR 63, Subpart GGGG, compliance with the Compliance Ratio shall be determined using the procedures provided in 40 CFR 63.2840.

ii. If not subject to 40 CFR 63, Subpart GGGG, the Permittee shall complete a daily calculation of the sum of [35 IAC 215.345]:

A. Total conventional soybean crush for the previous 180 days, in pounds, multiplied by 0.0026, plus

B. Total specialty soybean crush for the previous 180 days, in pounds, multiplied by 0.0052.

C. Any such sum that is less than the total decrease in solvent storage inventory over the previous 180 days shall be deemed as exceeded.

7.4 Boilers

7.4.1 Description

The boilers are used for producing process steam. Natural gas is primary fuel for the boilers. Distillate oil is a back-up fuel for Cleaver Brooks Boiler #1.

7.4.2 List of Emission Units and Air Pollution Control Equipment

Plant Emission Unit	Description	Maximum Heat input (mmBtu/hr)
036	Cleaver Brooks Boiler #1	52
037	Cleaver Brooks Boiler #2	25.1

7.4.3 Applicability Provisions and Applicable Regulations

a. The "affected boilers" for the purpose of these unit-specific conditions, are fuel combustion emission units as described in Conditions 7.4.1 and 7.4.2.

b. The affected Cleaver Brooks Boiler #2 for the purpose of these unit specific conditions is a steam generating unit that is fired with natural gas, with a maximum heat input capacity of 100 mmBtu/hr or less, but greater than or equal to 10 mmBtu/hr, and constructed after June 9,1989. As a consequence, the affected Cleaver Brooks boiler is subject to the Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, 40 CFR 60 Subpart Dc.

c. The affected boilers are subject to the emission limits identified in Condition 5.2.2.

d. The emissions of particulate matter (PM) into the atmosphere in any one-hour period shall not exceed 0.15 kg/MW-hr (0.10 lb/mmBtu) of actual heat input from any fuel combustion emission unit (affected Cleaver Brooks Boiler #1) using liquid fuel exclusively [35 IAC 212.206].

e. The emission of sulfur dioxide (SO_2) into the atmosphere in any one hour period from affected Cleaver Brooks Boiler #1 burning liquid fuel exclusively shall not exceed 0.46 kg of sulfur dioxide per MW-hr of actual heat input when distillate fuel oil is burned (0.3 lb/mmBtu) [35 IAC 214.122(b) (2)].

f. The emission of carbon monoxide (CO) into the atmosphere from any affected boiler with actual heat

input greater than 2.9 MW (10 mmBtu/hr) shall not exceed 200 ppm, corrected to 50 percent excess air. [35 IAC 216.121]

7.4.4 Non-Applicability of Regulations of Concern

a. Pursuant to 35 IAC 215.303, fuel combustion emission units are not subject to 35 IAC 215.301, Use of Organic Material.

b. The affected boilers are not subject to 35 IAC 217.121, Emissions of Nitrogen Oxides from New Fuel Combustion Emission Sources, because the actual heat input is less than 73.2 MW (250 mmBtu/hr).

7.4.5 Operational and Production Limits and Work Practices

a. The Permittee shall not use distillate fuel oil (Grades No. 1 and 2 fuels) in the affected Cleaver Brooks Boiler with sulfur content greater than the larger of the following two values:

i. 0.28 weight percent, or

ii. The Wt percent given by the formula:

Maximum Wt percent sulfur = (0.000015) x (Gross heating value of oil, Btu/lb).

b. The annual natural gas consumption for the boilers shall not exceed 500,000,000 scf [T1].

The above limitation was established in Permit 75100047, pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD to ensure that the construction and/or modification addressed in the aforementioned permit did not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21.

7.4.6 Emission Limitations

In addition to Condition 5.2.2 and the source wide emission limitations in Condition 5.5, the affected boilers are subject to the following:

a. Maximum NO_x emissions from the affected Cleaver Brooks Boiler #2 shall not exceed 3.51 lbs/hour and 15.39 tons/year. These limits are based on the maximum firing rate, standard AP-42 emission factors for NO_x, and 8,760 hours/yr operation.

b. The above limitations were established in Permit 98060058, pursuant to 40 CFR 52.21, Prevention of Significant Deterioration (PSD). These limits ensure that the construction and/or modification addressed in the aforementioned permit does not constitute a new major source or major modification pursuant to Title I of the CAA, specifically the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21 [T1].

c. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus the preceding 11 months (running 12 month total) [T1].

7.4.7 Testing Requirements

None

7.4.8 Monitoring Requirements

None

7.4.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected boilers to demonstrate compliance with Conditions 5.5.1, 7.4.3, and 7.4.6, pursuant to Section 39.5(7)(b) of the Act:

a. For affected boilers,

i. Total natural gas usage for affected boilers (ft^3/day);

ii. Total distillate fuel usage for affected boilers (gal/day);

iii. The maximum sulfur content (in Wt.%) for each shipment of distillate fuel oil used in the affected boilers;

iv. Fuel oil supplier certification, including:

A. The name of the oil supplier; and

B. A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil.

b. Annual aggregate NO_x, PM, SO_2, and VOM emissions from each affected boiler, based on fuel consumption and

the applicable emission factors, with supporting calculations.

7.4.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section, of deviations of the affected boiler with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

a. If there is an exceedance of sulfur content of distillate fuel oil in excess of the limit specified in Condition 7.4.5, the Permittee shall submit a report within 30 days after receipt of a noncompliant shipment of distillate fuel oil.
b. Emissions from or operation of an affected boiler or an associated emission unit in excess of the limits specified in Conditions 7.4.3, 7.4.5, and 7.4.6 within 30 days of such occurrence.

7.4.11 Operational Flexibility/Anticipated Operating Scenarios

N/A

7.4.12 Compliance Procedures

a. Compliance with Conditions 7.4.3(d) and 7.4.3(f) is demonstrated under inherent operating conditions of the affected boilers, so that no compliance procedures are set in this permit addressing this requirement.

b. Compliance with Condition 7.4.3(e) is demonstrated under inherent operating conditions of affected boiler fired by distillate oil with a sulfur content meeting the specification of Condition 7.4.5, so that no compliance procedures are set in this permit addressing this regulation.

c. Compliance with the emission limits in Conditions 5.5.1 and 7.4.6 from the affected boilers burning natural gas shall be based on the recordkeeping requirements in Condition 7.4.9 and the applicable emission factors for uncontrolled natural gas combustion in small boilers (< 100 mmBtu/hr), Tables 1.4-1 and 1.4-2, AP-42, Volume I, Fifth Edition, Supplement D, September 1998, or current edition.

d. Compliance with the emission limits in Conditions 5.5.1 and 7.4.6 from the affected boilers burning distillate fuel oil shall be based on the recordkeeping requirements in Condition 7.4.9 and the

applicable emission factors for fuel oil combustion in boilers, Tables 1.3-1, 1.3-3 and 1.3-7, AP-42, Volume I, Fifth Edition, Supplement D, September 1998, or current edition.

7.5 Unit 05 - Fugitive emissions

7.5.1 Description

Fugitive emissions are defined as those emissions, which would not reasonably pass through a stack, vent or other functionally equivalent opening.

7.5.2 List of Emission Units and Pollution Control Equipment

Description	Vehicle Miles Traveled (VMT)/year
Unpaved Roads – Loaded Trucks	38.71
Unpaved Roads – Empty Trucks	38.71
Paved Roads	1302

7.5.3 Applicability Provisions and Applicable Regulations

a. The "affected fugitive emission sources" for the purpose of these unit-specific conditions, are emission sources described in Conditions 7.5.1 and 7.5.2.

b. The affected fugitive emission sources are subject to the emission limits identified in Condition 5.5.

7.5.4 Non-Applicability of Regulations of Concern

None

7.5.5 Operational and Production Limits and Work Practices

None

7.5.6 Emission Limitations

In addition to Condition 5.2.2 and the source-wide emission limitations in Condition 5.5, the fugitive emission sources are subject to the following:

None

7.5.7 Testing Requirements

None

7.5.8 Inspection Requirements

None

7.5.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected fugitive emission sources to demonstrate compliance with Conditions 5.5.1 pursuant to Section 39.5(7)(b) of the Act:

None

7.5.10 Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section of noncompliance of the affected fugitive emission sources with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken:

a. Emissions from the affected fugitive emission sources in excess of the limits specified in Condition 7.5.3 within 30 days of such an occurrence.

7.5.11 Operational Flexibility/Anticipated Operating Scenarios

N/A

7.5.12 Compliance Procedures

Compliance with the limits in Conditions 5.5 shall be based on the recordkeeping requirements in Condition 7.5.9 and the emission factors listed below:

PM Emission Factor (Application):

Unpaved Roads, Loaded Trucks - 6.50 lb/VMT
Unpaved Roads, Empty Trucks - 2.84 lb/VMT
Paved Roads – 1.545 lb/VMT

The emission factors are calculated using AP-42 Section 13.2.1.3(1/95).

8.0 General Permit Conditions

8.1 Permit Shield

Pursuant to Section 39.5(7)(j) of the Act, the Permittee has requested and has been granted a permit shield. This permit shield provides that compliance with the conditions of this permit shall be deemed compliance with applicable requirements which were applicable as of the date the proposed permit for this source was issued, provided that either the applicable requirements are specifically identified within this permit, or the Illinois EPA, in acting on this permit application, has determined that other requirements specifically identified are not applicable to this source and this determination (or a concise summary thereof) is included in this permit.

This permit shield does not extend to applicable requirements which are promulgated October 10, 2003 (the date of issuance of the draft permit) unless this permit has been modified to reflect such new requirements.

8.2 Applicability of Title IV Requirements (Acid Deposition Control)

This source is not an affected source under Title IV of the CAA and is not subject to requirements pursuant to Title IV of the CAA.

8.3 Emissions Trading Programs

No permit revision shall be required for increases in emissions allowed under any USEPA approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for elsewhere in this permit and that are authorized by the applicable requirement [Section 39.5(7)(o)(vii) of the Act].

As of the date of issuance of this permit, there are no such economic incentive, marketable permit or emission trading programs that have been approved by USEPA.

8.4 Operational Flexibility/Anticipated Operating Scenarios

8.4.1 Changes Specifically Addressed by Permit

Physical or operational changes specifically addressed by the Conditions of this permit that have been identified as not requiring Illinois EPA notification may be implemented without prior notice to the Illinois EPA.

8.4.2 Changes Requiring Prior Notification

The Permittee is authorized to make physical or operational changes that contravene express permit terms without applying for or obtaining an amendment to this

permit, provided that [Section 39.5(12)(a)(i) of the Act]:

a. The changes do not violate applicable requirements;

b. The changes do not contravene federally enforceable permit terms or conditions that are monitoring (including test methods), recordkeeping, reporting, or compliance certification requirements;

c. The changes do not constitute a modification under Title I of the CAA;

d. Emissions will not exceed the emissions allowed under this permit following implementation of the physical or operational change; and

e. The Permittee provides written notice to the Illinois EPA, Division of Air Pollution Control, Permit Section, at least 7 days before commencement of the change. This notice shall:

i. Describe the physical or operational change;

ii. Identify the schedule for implementing the physical or operational change;

iii. Provide a statement of whether or not any New Source Performance Standard (NSPS) is applicable to the physical or operational change and the reason why the NSPS does or does not apply;

iv. Provide emission calculations which demonstrate that the physical or operational change will not result in a modification; and

v. Provide a certification that the physical or operational change will not result in emissions greater than authorized under the Conditions of this permit.

8.5 Testing Procedures

Tests conducted to measure composition of materials, efficiency of pollution control devices, emissions from process or control equipment, or other parameters shall be conducted using standard test methods. Documentation of the test date, conditions, methodologies, calculations, and test results shall be retained pursuant to the recordkeeping procedures of this permit. Reports of any tests conducted as required by this permit or as the result of a request by the Illinois EPA shall be submitted as specified in Condition 8.6.

8.6 Reporting Requirements

8.6.1 Monitoring Reports

If monitoring is required by any applicable requirements or conditions of this permit, a report summarizing the required monitoring results, as specified in the conditions of this permit, shall be submitted to the Air Compliance Section of the Illinois EPA every six months as follows [Section 39.5(7)(f) of the Act]:

Monitoring Period	Report Due Date
January - June	September 1
July - December	March 1

All instances of deviations from permit requirements must be clearly identified in such reports. All such reports shall be certified in accordance with Condition 9.9.

8.6.2 Test Notifications

Unless otherwise specified elsewhere in this permit, a written test plan for any test required by this permit shall be submitted to the Illinois EPA for review at least 60 days prior to the testing pursuant to Section 39.5(7)(a) of the Act. The notification shall include at a minimum:

a. The name and identification of the affected unit(s);

b. The person(s) who will be performing sampling and analysis and their experience with similar tests;

c. The specific conditions under which testing will be performed, including a discussion of why these conditions will be representative of maximum emissions and the means by which the operating parameters for the source and any control equipment will be determined;

d. The specific determination of emissions and operation which are intended to be made, including sampling and monitoring locations;

e. The test method(s) which will be used, with the specific analysis method, if the method can be used with different analysis methods;

f. Any minor changes in standard methodology proposed to accommodate the specific circumstances of testing, with justification; and

g. Any proposed use of an alternative test method, with detailed justification.

8.6.3 Test Reports

Unless otherwise specified elsewhere in this permit, the results of any test required by this permit shall be submitted to the Illinois EPA within 60 days of completion of the testing. The test report shall include at a minimum [Section 39.5(7)(e)(i) of the Act]:

a. The name and identification of the affected unit(s);

b. The date and time of the sampling or measurements;

c. The date any analyses were performed;

d. The name of the company that performed the tests and/or analyses;

e. The test and analytical methodologies used;

f. The results of the tests including raw data, and/or analyses including sample calculations;

g. The operating conditions at the time of the sampling or measurements; and

h. The name of any relevant observers present including the testing company's representatives, any Illinois EPA or USEPA representatives, and the representatives of the source.

8.6.4 Reporting Addresses

a. The following addresses should be utilized for the submittal of reports, notifications, and renewals:

i. Illinois EPA - Air Compliance Section

Illinois Environmental Protection Agency
Bureau of Air
Compliance Section (MC 40)
P.O. Box 19276
Springfield, Illinois 62794-9276

ii. Illinois EPA - Air Regional Field Office

Illinois Environmental Protection Agency
Division of Air Pollution Control
2009 Mall Street
Collinsville, Illinois 62234

iii. Illinois EPA - Air Permit Section (MC 11)

Illinois Environmental Protection Agency
Division of Air Pollution Control
Permit Section
P.O. Box 19506
Springfield, Illinois 62794-9506

iv. USEPA Region 5 - Air Branch

USEPA (AE - 17J)
Air & Radiation Division
77 West Jackson Boulevard
Chicago, Illinois 60604

b. Unless otherwise specified in the particular provision of this permit, reports shall be sent to the Illinois EPA - Air Compliance Section with a copy sent to the Illinois EPA - Air Regional Field Office.

8.7 Obligation to Comply with Title I Requirements

Any term, condition, or requirement identified in this permit by T1, T1R, or T1N is established or revised pursuant to 35 IAC Part 203 or 40 CFR 52.21 ("Title I provisions") and incorporated into this permit pursuant to both Section 39.5 and Title I provisions. Notwithstanding the expiration date on the first page of this permit, the Title I conditions remain in effect pursuant to Title I provisions until the Illinois EPA deletes or revises them in accordance with Title I procedures.

9.0 STANDARD PERMIT CONDITIONS

9.1 Effect of Permit

9.1.1 The issuance of this permit does not release the Permittee from compliance with State and Federal regulations which are part of the Illinois State Implementation Plan, as well as with other applicable statutes and regulations of the United States or the State of Illinois or applicable ordinances, except as specifically stated in this permit and as allowed by law and rule [Section 39.5(7)(j)(iv) of the Act].

9.1.2 In particular, this permit does not alter or affect the following:

a. The provisions of Section 303 (emergency powers) of the CAA, including USEPA's authority under that Section;

b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;

c. The applicable requirements of the acid rain program consistent with Section 408(a) of the CAA; and

d. The ability of USEPA to obtain information from a source pursuant to Section 114 (inspections, monitoring, and entry) of the CAA.

9.1.3 Notwithstanding the conditions of this permit specifying compliance practices for applicable requirements, any person (including the Permittee) may also use other credible evidence to establish compliance or noncompliance with applicable requirements.

9.2 General Obligations of Permittee

9.2.1 Duty to Comply

The Permittee must comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the CAA and the Act, and is grounds for any or all of the following: enforcement action, permit termination, revocation and reissuance, modification, or denial of a permit renewal application [Section 39.5(7)(o)(i) of the Act].

The Permittee shall meet applicable requirements that become effective during the permit term in a timely manner unless an alternate schedule for compliance with the applicable requirement is established.

9.2.2 Duty to Maintain Equipment

The Permittee shall maintain all equipment covered under this permit in such a manner that the performance or operation of such equipment shall not cause a violation of applicable requirements.

9.2.3 Duty to Cease Operation

No person shall cause, threaten or allow the continued operation of any emission unit during malfunction or breakdown of the emission unit or related air pollution control equipment if such operation would cause a violation of an applicable emission standard, regulatory requirement, ambient air quality standard or permit limitation unless such malfunction or breakdown is allowed by a permit condition [Section 39.5(6)(c) of the Act].

9.2.4 Disposal Operations

The source shall be operated in such a manner that the disposal of air contaminants collected by the equipment operations, or activities shall not cause a violation of the Act or regulations promulgated thereunder.

9.2.5 Duty to Pay Fees

The Permittee must pay fees to the Illinois EPA consistent with the fee schedule approved pursuant to Section 39.5(18) of the Act, and submit any information relevant thereto [Section 39.5(7)(o)(vi) of the Act]. The check should be payable to "Treasurer, State of Illinois" and sent to: Fiscal Services Section, Illinois Environmental Protection Agency, P.O. Box 19276, Springfield, Illinois 62794-9276.

9.3 Obligation to Allow Illinois EPA Surveillance

Upon presentation of proper credentials and other documents, the Permittee shall allow the Illinois EPA, or an authorized representative to perform the following [Section 39.5(7)(a) and (p)(ii) of the Act and 415 ILCS 5/4]:

a. Enter upon the Permittee's premises where an actual or potential emission unit is located; where any regulated equipment, operation, or activity is located or where records must be kept under the conditions of this permit;

b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

c. Inspect during hours of operation any sources, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

d. Sample or monitor any substances or parameters at any location:

i. At reasonable times, for the purposes of assuring permit compliance; or

ii. As otherwise authorized by the CAA, or the Act.

e. Obtain and remove samples of any discharge or emission of pollutants authorized by this permit; and

f. Enter and utilize any appropriate photographic, recording, testing, monitoring, or other equipment for the purposes of preserving, testing, monitoring, or recording any activity, discharge or emission at the source authorized by this permit.

9.4 Obligation to Comply With Other Requirements

The issuance of this permit does not release the Permittee from applicable State and Federal laws and regulations, and applicable local ordinances addressing subjects other than air pollution control.

9.5 Liability

9.5.1 Title

This permit shall not be considered as in any manner affecting the title of the premises upon which the permitted source is located.

9.5.2 Liability of Permittee

This permit does not release the Permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the sources.

9.5.3 Structural Stability

This permit does not take into consideration or attest to the structural stability of any unit or part of the source.

9.5.4 Illinois EPA Liability

This permit in no manner implies or suggests that the Illinois EPA (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the source.

9.5.5 Property Rights

This permit does not convey any property rights of any sort, or any exclusive privilege [Section 39.5(7)(o)(iv) of the Act].

9.6 Recordkeeping

9.6.1 Control Equipment Maintenance Records

A maintenance record shall be kept on the premises for each item of air pollution control equipment. As a minimum, this record shall show the dates of performance and nature of preventative maintenance activities.

9.6.2 Records of Changes in Operation

A record shall be kept describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under this permit, and the emissions resulting from those changes [Section 39.5(12)(b)(iv) of the Act].

9.6.3 Retention of Records

a. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit [Section 39.5(7)(e)(ii) of the Act].

b. Other records required by this permit shall be retained for a period of at least 5 years from the date of entry unless a longer period is specified by a particular permit provision.

9.7 Annual Emissions Report

The Permittee shall submit an annual emissions report to the Illinois EPA, Compliance Section no later than May 1 of the following year, as required by 35 IAC Part 254.

9.8 Requirements for Compliance Certification

Pursuant to Section 39.5(7)(p)(v) of the Act, the Permittee shall submit annual compliance certifications. The compliance certifications shall be submitted no later than May 1 or more frequently as specified in the applicable requirements or by permit condition. The compliance certifications shall be

submitted to the Air Compliance Section, Air Regional Field Office, and USEPA Region 5 – Air Branch. The addresses for the submittal of the compliance certifications are provided in Condition 8.6.4 of this permit.

a. The certification shall include the identification of each term or condition of this permit that is the basis of the certification; the compliance status; whether compliance was continuous or intermittent; the method(s) used for determining the compliance status of the source, both currently and over the reporting period consistent with the conditions of this permit.

b. All compliance certifications shall be submitted to USEPA Region 5 in Chicago as well as to the Illinois EPA.

c. All compliance reports required to be submitted shall include a certification in accordance with Condition 9.9.

9.9 Certification

Any document (including reports) required to be submitted by this permit shall contain a certification by a responsible official of the Permittee that meets the requirements of Section 39.5(5) of the Act [Section 39.5(7)(p)(i) of the Act]. An example Certification by a Responsible Official is included as an attachment to this permit.

9.10 Defense to Enforcement Actions

9.10.1 Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit [Section 39.5(7)(o)(ii) of the Act].

9.10.2 Emergency Provision

a. An emergency shall be an affirmative defense to an action brought for noncompliance with the technology-based emission limitations under this permit if the following conditions are met through properly signed, contemporaneous operating logs, or other relevant evidence:

i. An emergency occurred as provided in Section 39.5(7)(k) of the Act and the Permittee can identify the cause(s) of the emergency. Normally, an act of God such as lightning or flood is considered an emergency;

ii. The permitted source was at the time being properly operated;

iii. The Permittee submitted notice of the emergency to the Illinois EPA within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a detailed description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and

iv. During the period of the emergency the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission limitations, standards, or regulations in this permit.

b. This provision is in addition to any emergency or upset provision contained in any applicable requirement. This provision does not relieve a Permittee of any reporting obligations under existing federal or state laws or regulations.

9.11 Permanent Shutdown

This permit only covers emission units and control equipment while physically present at the indicated source location(s). Unless this permit specifically provides for equipment relocation, this permit is void for the operation or activity of any item of equipment on the date it is removed from the permitted location(s) or permanently shut down. This permit expires if all equipment is removed from the permitted location(s), notwithstanding the expiration date specified on this permit.

9.12 Reopening and Reissuing Permit for Cause

9.12.1 Permit Actions

This permit may be modified, reopened, and reissued, for cause pursuant to Section 39.5(15) of the Act. The filing of a request by the Permittee for a permit modification, revocation, and reissuance, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition [Section 39.5(7)(o)(iii) of the Act].

9.12.2 Reopening and Revision

This permit must be reopened and revised if any of the following occur [Section 39.5(15)(a) of the Act]:

a. Additional requirements become applicable to the equipment covered by this permit and three or more years remain before expiration of this permit;

b. Additional requirements become applicable to an affected source for acid deposition under the acid rain program;

c. The Illinois EPA or USEPA determines that this permit contains a material mistake or inaccurate statement when establishing the emission standards or limitations, or other terms or conditions of this permit; and

d. The Illinois EPA or USEPA determines that this permit must be revised to ensure compliance with the applicable requirements of the Act.

9.12.3 Inaccurate Application

The Illinois EPA has issued this permit based upon the information submitted by the Permittee in the permit application. Any misinformation, false statement or misrepresentation in the application shall be grounds for revocation under Section 39.5(15)(b) of the Act.

9.12.4 Duty to Provide Information

The Permittee shall furnish to the Illinois EPA, within a reasonable time specified by the Illinois EPA any information that the Illinois EPA may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to the Illinois EPA copies of records required to be kept by this permit, or for information claimed to be confidential, the Permittee may furnish such records directly to USEPA along with a claim of confidentiality [Section 39.5(7)(o)(v) of the Act].

9.13 Severability Clause

The provisions of this permit are severable, and should any one or more be determined to be illegal or unenforceable, the validity of the other provisions shall not be affected. The rights and obligations of the Permittee shall be construed and enforced as if this permit did not contain the particular provisions held to be invalid and the applicable requirements underlying these provisions shall remain in force [Section 39.5(7)(i) of the Act].

9.14 Permit Expiration and Renewal

The right to operate terminates on the expiration date unless the Permittee has submitted a timely and complete renewal application. For a renewal to be timely it must be submitted no later than 9 and no sooner than 12 months prior to expiration. The equipment may continue to operate during the renewal period until final action is taken by the Illinois EPA, in accordance with the original permit conditions [Section 39.5(5)(l), (n), and (o) of the Act].

10.0 ATTACHMENTS

In the event that this attachment for the incorporated State Construction and Operating permits conflicts with other portions of the CAAPP permit, the CAAPP permit conditions shall supersede this Attachment.

10.1 Attachment 1: Emissions of Particulate Matter from New Process Emission Units

10.1.1 Process Emission Units for Which Construction or Modification Commenced On or After April 14, 1972

a. No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 IAC 212.321 [35 IAC 212.321(a)].

b. Interpolated and extrapolated values of the data in subsection (c) of 35 IAC 212.321 shall be determined by using the equation [35 IAC 212.321(b)]:

$$E = A\ (P)^{B}$$

Where:

P = Process weight rate; and
E = Allowable emission rate; and,

i. Up to process weight rates of 408 Mg/hr (450 ton/hr):

	Metric	English
P	Mg/hr	ton/hr
E	kg/hr	lb/hr
A	1.214	2.54
B	0.534	0.534

ii. For process weight rate greater than or equal to 408 Mg/hr (450 ton/hr):

	Metric	English
P	Mg/hr	ton/hr
E	kg/hr	lb/hr
A	11.42	24.8
B	0.16	0.16

c. Limits for Process Emission Units for Which Construction or Modification Commenced On or After April 19, 1972 [35 IAC 212.321(c)]:

Metric		English	
P	E	P	E
Mg/hr	kg/hr	ton/hr	lb/hr
0.05	0.25	0.05	0.55
0.1	0.29	0.10	0.77
0.2	0.42	0.2	1.10
0.3	0.64	0.30	1.35
0.4	0.74	0.40	1.58
0.5	0.84	0.50	1.75
0.7	1.00	0.75	2.40
0.9	1.15	1.00	2.60
1.8	1.66	2.00	3.70
2.7	2.1	3.00	4.60
3.6	2.4	4.00	5.35
4.5	2.7	5.00	6.00
9.0	3.9	10.00	8.70
13.0	4.8	15.00	10.80
18.0	5.7	20.00	12.50
23.0	6.5	25.00	14.00
27.0	7.2	30.00	15.60
32.0	7.7	35.00	17.00
36.0	8.2	40.00	18.20
41.0	8.8	45.00	19.20
45.0	9.3	50.00	20.50
90.0	13.4	100.00	29.50
140.0	17.0	150.00	37.00
180.0	19.4	200.00	43.00
230.0	22.0	250.00	48.50
270.0	24.0	300.00	53.00
320.0	26.0	350.00	58.00
360.0	28.0	400.00	62.00
408.0	30.1	450.00	66.00
454.0	30.4	500.00	67.00

10.2 Attachment 2 Emissions of Particulate Matter from Existing Process Emission Units

In the event that this attachment for the incorporated State Construction and Operating permits conflicts with other portions of the CAAPP permit, the CAAPP permit conditions shall supersede this Attachment.

10.2.1 Process Emission Units for Which Construction or Modification Commenced Prior to April 14, 1972

a. No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any process emission unit for which construction or modification commenced prior to April 14,1972, which, either alone or in combination with the emission of particulate matter from all other similar process emission units at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 IAC 212.322 [35 IAC 212.322(a)].

b. Interpolated and extrapolated values of the data in subsection (c) of this Section shall be determined by using the equation [35 IAC 212.322(b)]:

$$E = C + A\ (P)^{B}$$

Where:

P = Process weight rate; and,
E = Allowable emission rate; and,

i. For process weight rates up to 27.2 Mg/hr (30 T/hr):

	Metric	English
P	Mg/hr	ton/hr
E	kg/hr	lb/hr
A	1.985	4.10
B	0.67	0.67

ii. For process weight rates in excess or 27.2 Mg/hr (30 T/hr):

	Metric	English
P	Mg/hr	ton/hr
E	kg/hr	lb/hr
A	25.21	55.0
B	0.11	0.11
C	-18.4	-40.0

c. Limits for Process Emission Units For Which Construction or Modification Commenced Prior to April 14, 1972

Metric		English	
P	E	P	E
Mg/hr	kg/hr	T/hr	lbs/hr
0.05	0.27	0.05	0.55
0.1	0.42	0.10	0.87
0.2	0.68	0.20	1.40
0.3	0.89	0.30	1.83
0.4	1.07	0.40	2.22
0.5	1.25	0.50	2.58
0.7	1.56	0.75	3.38
0.9	1.85	1.00	4.10
1.8	2.9	2.00	6.52
2.7	3.9	3.00	8.56
3.6	4.7	4.00	10.40
4.5	5.4	5.00	12.00
9.	8.7	10.00	19.20
13.	11.1	15.00	25.20
18.	13.8	20.00	30.50
23.	16.2	25.00	35.40
27.2	18.15	30.00	40.00
32.0	18.8	35.00	41.30
36.0	19.3	40.00	42.50
41.0	19.8	45.00	43.60
45.0	20.2	50.00	44.60
90.0	23.2	100.00	51.20
140.0	25.3	150.00	55.40
180.0	26.5	200.00	58.60
230.0	27.7	250.00	61.00
270.0	28.5	300.00	63.10
320.0	29.4	350.00	64.90
360.0	30.0	400.00	66.20
400.0	30.6	450.00	67.70
454.0	31.3	500.00	69.00

Where:

P = Process weight rate in Mg/hr or T/hr; and
E = Allowable emission rate in Kg/hr or lbs/hr

10.3 Attachment 3 – Emissions Limitations From Permit 75100047

In the event that this attachment for the incorporated State Construction and Operating permits conflicts with other portions of the CAAPP permit, the CAAPP permit conditions shall supersede this Attachment.

Table 1

Elevator Emission Sources
Particulate Matter
Emission/Operating Limits

Item of Equipment	Operating Hours (Hour/Yr)	Particulate Matter Emissions Processed, as Received (Lb/1,000 Bushel)	(Ton/Yr)
1/2 Receiving	1,781	0.36	3.63
3 Storage Bin Vents	8,400	0.31	3.13
4 Cleaner/Aspirator System	8,400	0.17	1.72
7 Berico Dryer/Cooler	8,400	8.4	84.84
9 Elevator House*	8,600	1.89	8.13
			101.45

Table 2
Processing Emission Sources
Particulate Matter
Emission/Operating Limits

Item of Equipment	Operating Hours (Hour/Mo)	(Hour/Yr)	Particulate Matter Emissions (Lb/Hour)	(Ton/Yr)
11 White Flake Bin Rec.	---	8,400	0.015	0.06
12 White Flake Cooling	---	8,400	0.18	0.72
13 Meal Drying System	---	8,400	2.68	11.26
14 Meal Cooling System	---	8,400	5.35	22.47
17 Primary Dehulling	---	8,400	0.02	0.09
18 Bean Asp/Sec. Dehulling	---	8,400	1.28	5.38
19 Grit Cooling	---	8,400	0.5	2.0
20 Meal Grinding	---	8,400	3.3	13.86
22 Flaking Roll	---	8,400	0.6	2.5
23 Prep Meal Vent	---	8,400	0.5	2.0
24 Prep Bean Day Bin	---	8,400	0.5	2.0
25 Meal/Hull Loadout	235	2,800	0.75	1.05
26 Ground Hull Transfer	---	8,400	0.182	0.76
31 SMR Loadout	20	100	0.4	0.2
35 Grits Storage Bin	600	8,000	0.1	0.4
			Total:	64.75

* Equipment not covered by this permit.

This operation is part of the elevator.

Table 3
Nitrogen Dioxide Emissions

Operation	Total NO_x Emissions (Lb/Million Btu)	(Ton/Yr)
Boilers (Total of Two)	0.23	57.5
Dryer	0.23	17.4

10.4 Attachment 4 - Example Certification by a Responsible Official

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: _____

Name: _____

Official Title: _____

Telephone No.: _____

Date Signed: _____

10.5 Attachment 5 - Guidance on Revising This Permit

The Permittee must submit an application to the Illinois EPA using the appropriate revision classification in accordance with Sections 39.5(13) and (14) of the Act and 35 IAC 270.302. Specifically, there are currently three classifications for revisions to a CAAPP permit. These are:

1. Administrative Permit Amendment;

2. Minor Permit Modification; and

3. Significant Permit Modification.

The Permittee must determine, request, and submit the necessary information to allow the Illinois EPA to use the appropriate procedure to revise the CAAPP permit. A brief explanation of each of these classifications follows.

1. Administrative Permit Amendment

- Corrects typographical errors;
- Identifies a change in the name, address, or phone number of any person identified in the permit, or provides a similar minor administrative change at the source;
- Requires more frequent monitoring or reporting by the Permittee;
- Allows for a change in ownership or operational control of the source where no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new Permittees has been submitted to the Illinois EPA. This shall be handled by completing form 272-CAAPP, REQUEST FOR OWNERSHIP CHANGE FOR CAAPP PERMIT; or
- Incorporates into the CAAPP permit a construction permit, provided the conditions of the construction permit meet the requirements for the issuance of CAAPP permits; or
- Incorporates into the CAAPP permit a construction permit, provided the conditions of the construction permit meet the requirements for the issuance of CAAPP permits.

2. Minor Permit Modification

- Do not violate any applicable requirement;

- Do not involve significant changes to existing monitoring, reporting, or recordkeeping requirements in the permit;

- Do not require a case-by-case determination of an emission limitation or other standard, or a source-specific determination of ambient impacts, or a visibility or increment analysis;

- Do not seek to establish or change a permit term or condition for which there is no corresponding underlying requirement and which avoids an applicable requirement to which the source would otherwise be subject. Such terms and conditions include:

    - A federally enforceable emissions cap assumed to avoid classification as a modification under any provision of Title I of the CAA; and

    - An alternative emissions limit approved pursuant to regulations promulgated under Section 112(i)(5) of the CAA.

- Are not modifications under any provision of Title I of the CAA;

- Are not required to be processed as a significant permit modification; and

- Modifications involving the use of economic incentives, marketable permits, emissions trading, and other similar approaches.

An application for a minor permit modification shall include the following:

- A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;

- The source's suggested draft permit/conditions;

- Certification by a responsible official that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used; and

- Information as contained on form 271-CAAPP, MINOR PERMIT MODIFICATION FOR CAAPP PERMIT for the Illinois EPA to use to notify USEPA and affected States.

3. Significant Permit Modification

- Applications that do not qualify as either minor permit modifications or as administrative permit amendments;

- Applications requesting a significant change in existing monitoring permit terms or conditions;

- Applications requesting a relaxation of reporting or recordkeeping requirements; and

- Cases in which, in the judgment of the Illinois EPA, action on an application for modification would require decisions to be made on technically complex issues.

An application for a significant permit modification shall include the following:

- A detailed description of the proposed change(s), including all physical changes to equipment, changes in the method of operation, changes in emissions of each pollutant, and any new applicable requirements which will apply as a result of the proposed change. Note that the Permittee need only submit revised forms for equipment and operations that will be modified.

The Illinois EPA requires the information on the following appropriate forms to be submitted in accordance with the proper classification:

- Form 273-CAAPP, REQUEST FOR ADMINISTRATIVE PERMIT AMENDMENT FOR CAAPP PERMIT; or

- Form 271-CAAPP, MINOR PERMIT MODIFICATION FOR CAAPP PERMIT; or

- Form 200-CAAPP, APPLICATION FOR CAAPP PERMIT (for significant modification).

Application forms can be obtained from the Illinois EPA website at http://www.epa.state.il.us/air/forms.

Note that the request to revise the permit must be certified for truth, accuracy, and completeness by a responsible official.

Note that failure to submit the required information may require the Illinois EPA to deny the application. The Illinois EPA reserves the right to require that additional information be submitted as needed to evaluate or take final action on applications pursuant to Section 39.5(5)(g) of the Act and 35 IAC 270.305.

[ATTACHMENT 6 REMOVED FROM THIS ELECTRONIC COPY]

10.7 Attachment 7 - Guidance on Renewing This Permit

Timeliness - Pursuant to Section 39.5(5)(n) of the Act and 35 IAC 270.301(d), a source must submit to the Illinois EPA a complete CAAPP application for the renewal of a CAAPP permit not later than 9 months before the date of permit expiration of the existing CAAPP permit in order for the submittal to be deemed timely. Note that the Illinois EPA typically sends out renewal notices approximately 18 months prior to the expiration of the CAAPP permit.

The CAAPP application must provide all of the following information in order for the renewal CAAPP application to be deemed complete by the Illinois EPA:

1. A completed renewal application form 200-CAAPP, APPLICATION FOR CAAPP PERMIT.

2. A completed compliance plan form 293-CAAPP, COMPLIANCE PLAN/SCHEDULE OF COMPLIANCE FOR CAAPP PERMIT.

3. A completed compliance certification form 296-CAAPP, COMPLIANCE CERTIFICATION, signed by the responsible official.

4. Any applicable requirements that became effective during the term of the permit and that were not included in the permit as a reopening or permit revision.

5. If this is the first time this permit is being renewed and this source has not yet addressed CAM, the application should contain the information on form 464-CAAPP, COMPLIANCE ASSURANCE MONITORING (CAM) PLAN.

6. Information addressing any outstanding transfer agreement pursuant to the ERMS.

7. a. If operations of an emission unit or group of emission units remain unchanged and are accurately depicted in previous submittals, the application may contain a letter signed by a responsible official that requests incorporation by reference of existing information previously submitted and on file with the Illinois EPA. This letter must also include a statement that information incorporated by reference is also being certified for truth and accuracy by the responsible official's signing of the form 200-CAAPP, APPLICATION FOR CAAPP PERMIT and the form 296-CAAPP, COMPLIANCE CERTIFICATION. The boxes should be marked yes on form 200-CAAPP, APPLICATION FOR CAAPP PERMIT, as existing information is being incorporated by reference.

   b. If portions of current operations are not as described in previous submittals, then in addition to

the information above for operations that remain unchanged, the application must contain the necessary information on all changes, e.g., discussion of changes, new or revised CAAPP forms, and a revised fee form 292-CAAPP, FEE DETERMINATION FOR CAAPP PERMIT, if necessary.

8. Information about all off-permit changes that were not prohibited or addressed by the permit to occur without a permit revision and the information must be sufficient to identify all applicable requirements, including monitoring, recordkeeping, and reporting requirements, for such changes.

9. Information about all changes made under 40 CFR 70.4(b)(12)(i) and (ii) that require a 7-day notification prior to the change without requiring a permit revision.

The Illinois EPA will review all applications for completeness and timeliness. If the renewal application is deemed both timely and complete, the source shall continue to operate in accordance with the terms and conditions of its CAAPP permit until final action is taken on the renewal application.

Notwithstanding the completeness determination, the Illinois EPA may request additional information necessary to evaluate or take final action on the CAAPP renewal application. If such additional information affects your allowable emission limits, a revised form 292?CAAPP, FEE DETERMINATION FOR CAAPP PERMIT must be submitted with the requested information. The failure to submit to the Illinois EPA the requested information within the time frame specified by the Illinois EPA, may force the Illinois EPA to deny your CAAPP renewal application pursuant to Section 39.5 of the Act.

Application forms may be obtained from the Illinois EPA website at http://www.epa.state.il.us/air/forms.html.

If you have any questions regarding this matter, please contact a permit analyst at 217/782-2113.

Mail renewal applications to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Permit Section (MC 11)
P.O. Box 19506
Springfield, Illinois 62794-9506

LAK:psj

[EXTRA DOCUMENTS (E.G., COMPLETENESS DETERMINATION, REQUESTS FOR ADDITIONAL INFORMATION, PROJECT SUMMARY) REMOVED FROM THIS ELECTRONIC COPY]